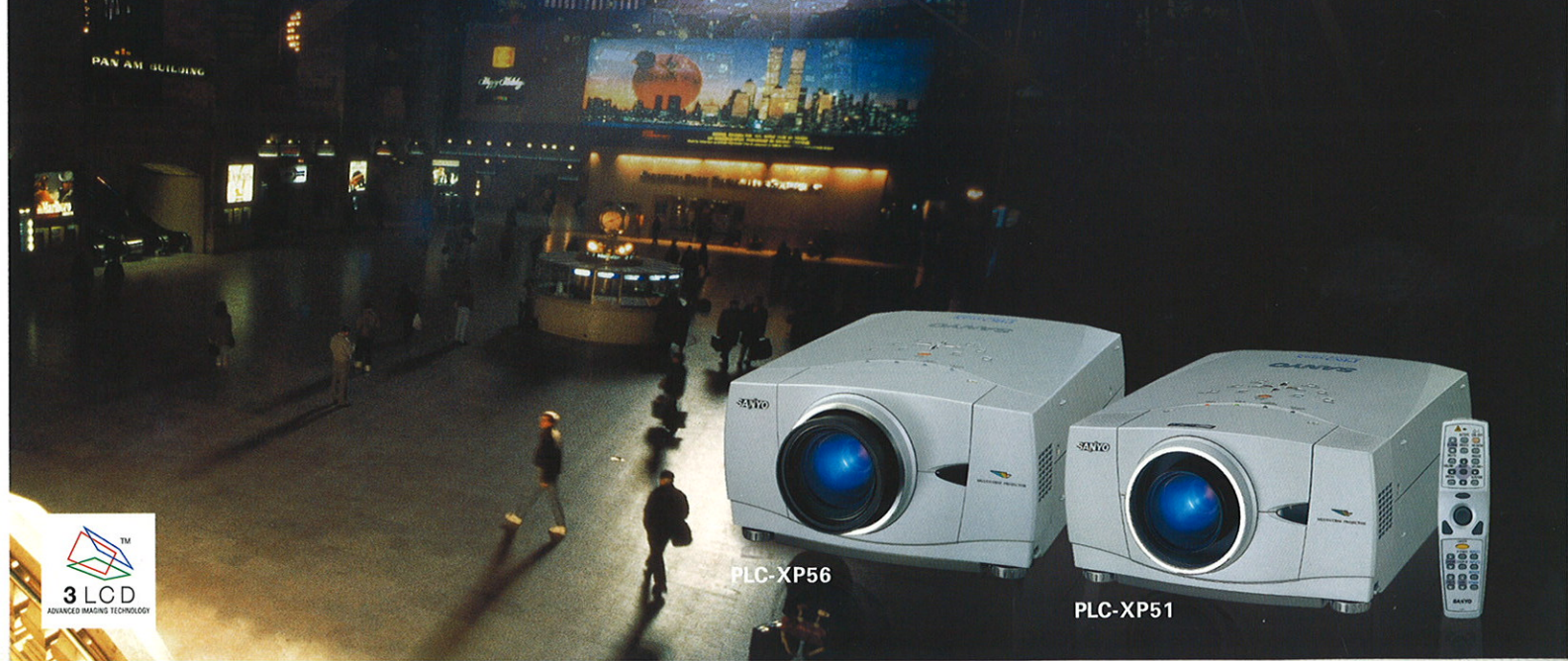
SANYO

XGA Multimedia LCD Projector

PLC-XP56
PLC-XP51

High-Performance Network Projector



3 LCD
ADVANCED IMAGING TECHNOLOGY

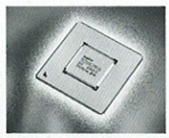
State-of-the-Art Picture Quality

Bright 5,000 Lumens

The PLC-XP56 achieves bright 5,000 lumens thanks to a number of advanced technologies in its optical engine, a 300-watt NSH lamp, and 1.3-inch XGA panels with microlenses*. The PLC-XP51 features 4,000 lumens of brightness. * Only in the PLC-XP56.

3-2 Pull-Down Progressive Scan

The progressive scan circuit makes moving pictures smooth and clear. Its 3-2 pulldown compatibility, including 1080i HDTV, assures superior images from film sources.

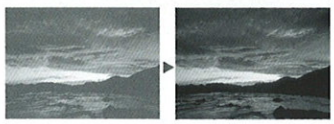


Color Management System

This system adjusts the hues, saturation, and gamma curve of only specific colors, such as sky blues and skin tones. The adjustments are reflected in real-time, so you see natural, life-like colors in each scene.

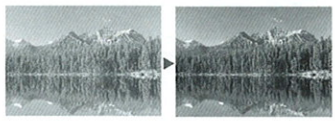
High 1,200:1 Contrast Ratio

The PLC-XP56 boasts a high contrast ratio of 1,200:1, and the PLC-XP51 has a 1,000:1 contrast ratio to offer more natural images with finer gradation.



3D-AUCC Circuit

The 3D Automatic Uniformity Correction Control (AUCC) circuit corrects color shading caused by brightness differences, for more natural gradation.



More Image-Enhancing Technologies

- Auto picture control
- Intelligent sharpness control
- 3D digital Y/C separation
- 3D digital noise reduction

Network Functions (Optional)

Projector Management and Control over a LAN Network

Simply mount the optional PJ-Net Organizer Plus POA-PN02 into the projector for easy management and control via a LAN network.

Dedicated connection terminal (projector side)

Example of POA-PN02 connection

PC Image Transmission*

The PJ-Net Organizer Plus also adds a PC image transmission function* for a variety of applications, like projecting PC-based advertisements and information in show windows. * Moving images cannot be transmitted.

Functions Provided by the PJ-Net Organizer Plus

- PC image transmission
- E-mail alert
- Automatic timer on/off
- Web management
- Web control
- Multi-control (up to 100 projectors)
- Peripheral equipment control

Flexible Set-Up

One-Touch Interchangeable Lens System

A total of four optional lenses are available. An optional bayonet mount (POA-LNA-03) enables different lens types to be interchanged at will.

Digital Keystone Correction

This function corrects trapezoidal distortion of ±40∞ vertically and ±10∞ horizontally.

Note:The degree of correction varies depending on factors such as the lens, the lens shift position, and the projection distance. Horizontal correction is not accurate for a light axis ratio (vertical ratio) other than 10:0.

Up/Down Power Lens Shift

You can move the projected image up or down without physically moving the projector, which makes it easy to center the image on the screen before your presentation.

Other Features

- Eco mode offers quiet 35dB-rated operation with low energy consumption*
- DVI-D terminal with HDCP
- RGB monitor out terminal
- GUI menu in 12 languages
- 1.3x power-driven optical zoom and digital zoom
- USB and 8-pin mouse control port
- Built-in stereo amplifier and speakers
- Wireless/wired remote control with mouse functions and built- in laser pointer

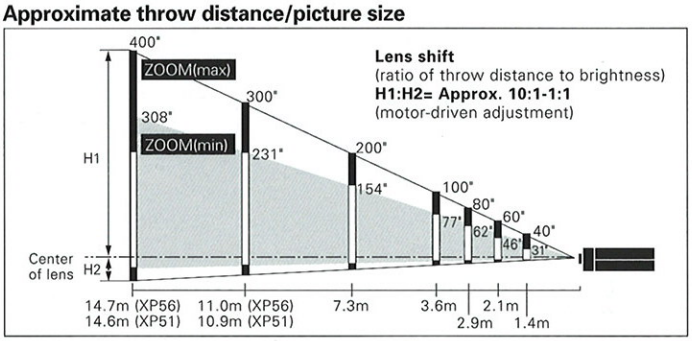
* In Eco mode, brightness is approximately 80 percent of normal levels.

Specifications

Model name	PLC-XP56	PLC-XP51
Panels	1.3-inch TFT p-Si with Micro lens x 3	1.3-inch TFT p-Si x 3
No. of pixels	2,359,296 (1024 x 768 dots)	
Projection lamp	NSH 300 W (with varivable output, max 20%)	
Brightness (typical)	5000 lm	4000 lm
Contrast	1200 : 1 (Lamp mode : Auto)	1000 : 1 (Lamp mode : Auto)
Uniformity	90% (corner to center)	
Projection lens Screen size Throw distance Zoom / Focus	F1.7-2.0, f=48.2-62.6 mm Option Lens available 31"-400" (100" at 3.6-4.7 m) 1.4m-14.7m 1:1.3 Motor driven Bayonet Lens Mount system	F1.8-2.1, f=48.4-62.8 mm Option Lens available 31"-400" (100" at 3.6-4.7 m) 1.4m-14.6m 1:1.3 Motor driven Bayonet Lens Mount system
Option Lens	Short Fixed, Short zoom, Long zoom,Ultra Long ZOOM	
Signal Terminal	Input 1: RGB (D-Sub15) IN /Monitor Out : DVI-D, Stereo IN/ OUT (mini jack) Input 2: RGBHV ,Y, Pb/Cb, Pr/Cr, Composite (BNC) : Stereo (mini jack) Input 3: Composite(RCA)/ S-Video (mini DIN4)/ Y, Pb/Cb, Pr/Cr (RCA x 3), Stereo(RCA x 2)	
Control Port	Mouse Control, RS232C (USB, mini DIN8pin) Wired Remote control (mini jack)	
Computer compatibility	SXGA/ XGA/ SVGA/ VGA/ MAC	
Color systems	PAL / SECAM / NTSC / NTSC4.43 / PAL-M/N	
Scanning frequency	H/V sync - 100 kMz, - 100 Hz, Dot clock: 180 MHz	
Sound output	2.0W+2.0W	
Fan Noise	35dBA (Lamp mode: Eco)	
Voltage	100 V-240 V AC (auto voltage)	
Dimensions (W x Hx D)	319 x 168 x 429.5 mm (not including adjustable feet)	
Weiht	9.2 kg (with Lens) / 7.9 kg (without Lens)	8.7 kg (with Lens) / 7.9 kg (without Lens)

•Specifications are subject to change without notice.

Approximate throw distance/picture size



	Screen Size (W x H) mm 4 : 3 aspect ratio	400"	300"	200"	150"	120"	100"	80"	60"	40"
XP-56	Zoom (min)	–	14.2	9.5	7.1	5.6	4.7	3.7	2.8	1.8
	Zoom (max)	14.7	11.0	7.3	5.5	4.3	3.6	2.9	2.1	1.4
XP-51	Zoom (min)	–	14.1	9.4	7.1	5.6	4.7	3.8	2.8	1.9
	Zoom (max)	14.6	10.9	7.3	5.4	4.3	3.6	2.9	2.1	1.4

Approximate throw distances shown adobe were calculated on lens design specifications.
Please note that up to 5% deviation may result due to lens variation.

JAB EMS Accreditation RE 009 — ISO 14001 JACO — UKAS ENVIRONMENTAL MANAGEMENT 051 — JSA ISO 9001 Registration No. JSAQ 002

dnx pixelworks™ Pixelworks ICs are used in this projector

Caution: Please consult the instruction manual to ensure safe and proper operation of the product.

Distributed by:

SANYO

SANYO Electric Co., Ltd.
AV Solutions Company

©2004 SANYO Printed in Japan 2004.9. SI.

http://www.sanyo-lcdp.com/english/

SML051